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FCC - MAILROOM

**BEFORE THE  
FEDERAL COMMUNICATIONS COMMISSION**

**WASHINGTON, D.C. 20554**

Dale E. Reich - Petitioner )

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Changes in Sub Parts Numbers)  
2-15-90-95 and 97 of rules and  
regulations )

**Major Changes in various parts of the Citizen - Business - Amateur Radio Services.  
Additional Secondary Use of 29.700 Mhz to 30.000 Mhz by Ham's AMATEUR radio stations.  
Expansion of the 40 channel CB band to more than +96 operating frequencys with New  
Type Accepted or Type Approved equipment only. Shared Frequencys for Emergency and  
Event use by number of Services!**

Under part 15 non licensed devices of low power nature for short range communications in the 27 Mhz Band may only operate on about channels 2 through 22 of the Citizen Band This requested change would allow a change to bring this part into the current 1 to 40 Channel Plan of the current Citizen Band Plan and Channel Assignment. Most of the devices sold can get the crystals for the "un-authorized" frequency above channel 22 or near channel 1. Most of the devices are less than 1/10 watt and are used for voice and non voice communications. To bring this in "alignment" with the current 27 Mhz Citizen Band is a needed upgrade of the rules that should have take place in the 1980's!

It is suggested that the FCC allow the communications of the low power voice devices with the higher power devices of Part 95 in the 27 Mhz that are un-licensed at present! This is only in line with the GMRS-FRS sharing that is common on 462 Mhz and 467 Mhz UHF band today.

The FCC on a secondary basis only allow Part 95 sub-section's operators of the 26 Mhz to 27 Mhz to operate on the in various segments of the Part 90 Business Band Sub-section of 25 Mhz to 30 Mhz Low Band frequency area's. The area of operations would be well defined, restricted to "New FCC Type Approved" or "New FCC Type Accepted" radio equipment with a number of technical equipment changes to protect other radio services.

New Additional, and Shared Business Band frequencys between 27.405 Mhz through 27.530 Mhz would be shared on a "secondary basis" with the current Industrial and Business Users! The IB users would have primary status.

The New Frequencys to be added would be on "AC-USB" only Amplitude COM pandered Upper Side Band" The band with limited to voice useable frequencys by digital filtering in each radio.

The new frequencys would be 27.410 Mhz, 27.415 Mhz, 27.420 Mhz, 27.425 Mhz, 27.435 Mhz, 27.440 Mhz, 27.445 Mhz, 27.455 Mhz, 27.460 Mhz, 27.465 Mhz, 27.475 Mhz, 27.480 Mhz, 27.485 Mhz, 27.495 Mhz, 27.500 Mhz, 27.505 Mhz, 27.515 Mhz, 27.520 Mhz, and 27.525 Mhz

All other Citizen Band Channels from Channel 1 to 40 would be allowed to use the New emission AC-USB emission on a secondary basis, with the allowed channel splitting to make 39 offsets of - five (5kc) below the current channel assignment on channels 2 through 40 current channels. To allow some use of NBFM on the current and future citizen band frequencys.

On a secondary basis the non-voice R/C channels could be used for very low power short range communication by voice

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stations. The only emission would be allowed for this would be 6A3 with a rf power of less than 1 watt.

On a secondary basis only 27.430, 27.450, 27.470, and 27.530 Mhz could be used for voice communications with NBFM format only using 3.5 kc wide frequency deviation! no encoding of pl tones would be allowed.

On a Primary Basis Frequencies between CB channel 2 and 40 that are even numbered would be allowed to use NBFM format optional as above. The use of PL encode / decode would be allowed!

Radio manufactured after a set date that are Mobile or for FIXED operation must employ a Channel Display that under "factory default" mode Makes Channel 1, 9, 11, 19, and Channel 12 in the AM emission mode. Channels 16, 29, and 39 Must default to emission LBS. mode. Channels 4, 6, 18, 22 and 30 may at the mfg option default to NBFM. The new AC-USB must default to on restricted frequencies only.

The end user in the field may at a option may make the radio revert to other modes on any of the original channels of 1-40 for the short period of time it is on that channel, however changing channel will automatic revert the radio to factory default.

This would allow AC-USB on channel 9 for emergency for a short term emergency if need. However the Normal mode would be AM. Amateur Radio Operators would be allowed for short term Public Safety Events, and Special Public Events to operate on several Selected Citizen Band Frequencies for emergency calls, and coordination of the short term event, with out Type Acceptance of the Ham Radio Stations equipment. CB Channels 1 - 9 - 11 - 23 - 30 - 39 and 40 reduced RF power Not to Exceed a ERP of 24 watts may be used by the Amateur [Ham] Radio Station! for the events or emergency use only.

Public Safety / Business Industrial / Land Transportation / and other FCC licensed Services may use on a Secondary Basis any frequency between 27.410 to 27.530 Mhz with a ERP not to exceed 24 Watt ERP. Simple FCC Licensing Would Apply to all users exceeding the 5 Watts Average or RMS standard!

Higher Powered Business / Industrial users would remain primary users of the 27.410 Mhz to 27.530 Mhz band.


The low powered frequencies 27.510 Mhz and 27.530 Mhz would be raised for IB and other services to 110 Watts.

Frequencies between 29.700 to 30.000 which are reserved for Business's and Other FCC users would be assigned on a "Secondary Basis" to the 10 Meter Ham Band [Amateur] frequency coordination between high powered Ham Repeaters on splinter frequencies is a must! The FCC may wish to channel this section like the new 5 mhz band is now today.

The FCC would allow the "Citizen Band" operators to use "PSK-31" mode on selected Citizen Band Channels for TEXT personnel messages. The True name, address, and phone number used for station ID if no FCC license held by the Citizen Band operator! The "PSK-31" format would also include automatic sending of the "Serial Number" of the sending station at the start and end of the message burst! This would only apply to CB stations

To a major extent most of what is requested is going on Illegal with Export CB radio operators today. This would put some order to it, and require the mfg of such equipment to comply with the "Type Approval" or "Type Acceptance" on future mfg or imported radio.

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